

What is claimed is:

1. A method of color printing for use in printing selective pages of color images within a print job having a plurality of pages, comprising the steps of:

5 (a) providing means for identification and selection of one or more pages within a single print job having a set of a plurality of pages;

(b) providing means for applying a plurality of different color improvement operations upon printing pages having color images thereon;

(c) assigning a first color improvement operation to a first subset of pages within the single print job;

10 (d) processing a page within a print job;

(e) determining if the page being processed is a member of the first subset of pages that have the first color improvement assigned thereto; and

(f) performing the first color improvement operation upon the image data associated with the page when said step (e) determines if the page being processed is 15 a member of the first subset of pages that have the first color improvement assigned thereto.

2. The method of claim 1, further comprising the steps of:

(g) assigning a second color improvement operation to a second subset of 20 pages within the single print job;

(h) determining if the page being processed is a member of the second subset of pages that have the second color improvement assigned thereto; and

(i) performing the second color improvement operation upon the image data associated with the page when said step (h) determines if the page being processed is a member of the second subset of pages that have the second color improvement assigned thereto.

5

3. The method of claim 2, further comprising the steps of:

(j) assigning a third color improvement operation to a third subset of pages within the single print job;

(k) determining if the page being processed is a member of the third subset of 10 pages that have the third color improvement assigned thereto; and

(l) performing the third color improvement operation upon the image data associated with the page when said step (k) determines if the page being processed is a member of the third subset of pages that have the third color improvement assigned thereto.

15

4. The method as claimed in claim 2, wherein the first subset of pages is not equal to the second subset of pages.

20 5. The method as claimed in claim 3, wherein the first subset of pages is not equal to the third subset of pages.

New Patent Application
Attorney Docket: XER 02-0380
D/A0616

6. The method of claim 1, wherein said first color improvement operation is black overprint.

7. The method of claim 1, wherein said second color improvement operation is 5 anti-aliasing.

8. The method of claim 1, wherein said third color improvement operation is trapping.

10 9. The method of claim 1, further comprising the step of:
(g) printing the page of image data performed upon in said step (f) onto a recording medium.

15 10. The method of claim 9, wherein said step (m) prints the page of image data using a xerographic printer.

11. A system of color printing for use in printing selective pages of color images within a print job having a plurality of pages, comprising:

a user interface to identify and select one or more pages within a single print job having a set of a plurality of pages; and

5 a processor to apply a plurality of different color improvement operations upon printing pages having color images thereon;

said user interface assigning a first color improvement operation to a first subset of pages within the single print job;

said processor processing a page within a print job;

10 said processor determining if the page being processed is a member of the first subset of pages that have the first color improvement assigned thereto;

said processor performing the first color improvement operation upon the image data associated with the page when said processor determines if the page being processed is a member of the first subset of pages that have the first color improvement assigned thereto.

12. The method of claim 11, wherein:

 said user interface assigns a second color improvement operation to a second subset of pages within the single print job;

 5 said processor determines if the page being processed is a member of the second subset of pages that have the second color improvement assigned thereto; and

 said processor performs the second color improvement operation upon the image data associated with the page when said processor determines if the page being processed is a member of the second subset of pages that have the second color improvement assigned thereto.

10

13. The system of claim 12, wherein:

 said user interface assigns a third color improvement operation to a third subset of pages within the single print job;

 15 said processor determines if the page being processed is a member of the third subset of pages that have the third color improvement assigned thereto; and

 said processor performs the third color improvement operation upon the image data associated with the page when said processor determines if the page being processed is a member of the third subset of pages that have the third color improvement assigned thereto.

20

14. The system as claimed in claim 12, wherein the first subset of pages is not equal to the second subset of pages.

15. The system of claim 13, wherein the first subset of pages is not equal to the third subset of pages.

5 16. The system of claim 11, wherein said first color improvement operation is black overprint.

17. The system of claim 11, wherein said second color improvement operation is anti-aliasing.

10 18. The system of claim 11, wherein said third color improvement operation is trapping.

15 19. The system of claim 11, further comprising:
a printing device to print the page of image data onto a recording medium.

20. The system of claim 19, wherein said printing device is a xerographic printer.